



**National Load Despatch Centre**  
राष्ट्रीय भार प्रेषण केंद्र  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
(Government of India Enterprise/ भारत सरकार का उद्यम)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016  
बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 16<sup>th</sup> Oct 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093  
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 15.10.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-अक्टूबर-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 15<sup>th</sup> October 2017, is available at the NLDC website.

धन्यवाद,



पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

16-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	45320	45166	33545	20046	2432	146509
Peak Shortage (MW)	1291	43	0	912	187	2433
Energy Met (MU)	1006	1050	727	411	47	3240
Hydro Gen(MU)	165	19	93	96	25	396
Wind Gen(MU)	8	13	85	-----	-----	107
Solar Gen (MU)*	4.18	16.27	24.40	0.68	0.03	46
Energy Shortage (MU)	10.6	0.0	0.0	2.7	1.7	15.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47179	44558	34196	20157	2512	148121

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.027	0.00	0.00	4.92	4.92	83.07	12.01

C. Power Supply Position in States

Region/Region	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	6241	0	134.7	52.0	-0.4	106	0.0
	Haryana	6802	0	141.4	87.2	1.2	207	0.0
	Rajasthan	10021	0	199.3	68.4	1.7	556	0.0
	Delhi	3863	0	82.0	62.3	-1.5	51	0.0
	UP	15852	705	349.5	169.3	1.0	695	1.4
	Uttarakhand	1680	0	32.7	11.0	0.1	261	0.0
	HP	1244	11	24.1	11.7	1.2	137	0.1
	J&K	1964	491	38.8	34.4	-3.2	11	9.2
WR	Chandigarh	185	0	3.6	4.5	-0.8	0	0.0
	Chhattisgarh	3728	0	86.1	28.1	0.8	169	0.0
	Gujarat	15915	0	340.6	117.6	3.2	562	0.0
	MP	9270	0	203.4	134.5	2.3	392	0.0
	Maharashtra	17244	0	378.4	124.2	-3.7	302	0.0
	Goa	434	0	8.7	8.2	0.4	53	0.0
	DD	317	0	7.3	6.5	0.8	42	0.0
	DNH	759	0	17.2	16.3	0.9	175	0.0
SR	Essar steel	441	0	8.8	8.8	0.0	160	0.0
	Andhra Pradesh	6499	0	143.4	29.7	-0.8	505	0.0
	Telangana	6283	0	139.4	39.8	-1.0	358	0.0
	Karnataka	6000	0	120.3	32.5	-0.1	347	0.0
	Kerala	2991	0	57.0	40.9	1.1	236	0.0
	Tamil Nadu	12190	0	259.8	107.0	-2.2	572	0.0
	Pondy	304	0	6.6	6.8	-0.3	43	0.0
	ER	Bihar	4453	100	83.7	75.7	1.2	425
DVC		2856	0	65.7	-10.8	4.2	398	1.4
Jharkhand		1232	0	24.6	15.5	2.0	156	0.3
Odisha		4105	100	86.6	35.6	6.0	412	0.8
West Bengal		7884	0	148.3	45.1	6.3	495	0.0
Sikkim		92	0	1.6	1.1	0.4	20	0.0
NER	Arunachal Pradesh	122	7	2.3	3.1	-0.8	7	0.1
	Assam	1514	142	28.5	22.0	0.8	141	1.5
	Manipur	144	6	2.3	2.7	-0.4	20	0.0
	Meghalaya	224	0	4.6	1.1	-0.2	126	0.0
	Mizoram	72	3	1.2	1.5	-0.4	15	0.1
	Nagaland	109	7	2.4	2.0	0.0	23	0.1
	Tripura	269	0	5.3	4.7	0.6	90	0.0

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	23.9	-4.7	-14.8
Day peak (MW)	1169.7	-289.2	-645.2

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	211.4	-157.6	-4.3	-47.2	-0.4	1.9
Actual(MU)	200.7	-154.7	7.0	-45.7	-3.5	3.8
O/D/U/D(MU)	-10.7	2.9	11.3	1.5	-3.1	1.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2886	14154	5260	1430	80	23810
State Sector	12045	17285	10072	7845	50	47297
Total	14931	31439	15332	9275	129	71107

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	566	1119	448	359	4	2495
Hydro	165	18	93	96	25	396
Nuclear	33	16	42	0	0	90
Gas, Naptha & Diesel	46	60	17	0	26	148
RES (Wind, Solar, Biomass & Others)	17	29	147	1	0	194
Total	826	1242	747	455	54	3324

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>16-Oct-17</b>
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
								Import=(+ve) /Export =(-ve) for NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-VARANASI	D/C	0	169	0.0	3.8	-3.8
2		SASARAM-FATEHPUR	S/C	0	19	3.1	0.0	3.1
3		GAYA-BALIA	S/C	0	276	0.0	4.5	-4.5
4	HVDC	ALIPURDUAR-AGRA	-	0	257	0.0	11.0	-11.0
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	212	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	92	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	687	0.0	11.7	-11.7
9		PATNA-BALIA	Q/C	0	1038	0.0	17.9	-17.9
10		BIHARSHARIFF-BALIA	D/C	0	214	0.0	2.6	-2.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.1	0.0	0.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	190	0.0	3.3	-3.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>7.2</b>	<b>60.9</b>	<b>-53.7</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	96	4.4	0.0	4.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.2	0.0	10.2
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	34	2.3	0.0	2.3
21		JHARSUGUDA-RAIGARH	S/C	0	9	1.8	0.0	1.8
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7
23		STERLITE-RAIGARH	D/C	0	0	4.5	0.0	4.5
24		RANCHI-SIPAT	D/C	0	0	10.4	0.0	10.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	133	0.0	1.5	-1.5
26		BUDHIPADAR-KORBA	D/C	0	0	1.1	0.0	1.1
<b>ER-WR</b>						<b>36.3</b>	<b>1.5</b>	<b>34.7</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.3	-10.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	176.6	0.0	8.6	-8.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	459.5	0.0	9.6	-9.6
30	400 KV	TALCHER-I/C	D/C	0.0	670.5	0.0	8.6	-8.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>28.5</b>	<b>-28.5</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1045	0.0	4.9	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	874	0.0	0.4	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
<b>ER-NER</b>						<b>0.0</b>	<b>6.6</b>	<b>-6.6</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	11.8	-11.8
<b>NER-NR</b>						<b>0.0</b>	<b>11.8</b>	<b>-11.8</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2750	0.0	46.2	-46.2
37		V'CHAL B/B	D/C	500	0	12.1	0.0	12.1
38		APL -MHG	D/C	0	1513	0.0	37.4	-37.4
39	765 KV	GWALIOR-AGRA	D/C	0	2710	0.0	52.1	-52.1
40		PHAGI-GWALIOR	D/C	0	1064	0.0	20.9	-20.9
41	400 KV	ZERDA-KANKROLI	S/C	362	0	4.3	0.0	4.3
42		ZERDA -BHINMAL	S/C	320	0	5.9	0.0	5.9
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	308	0	2	-2
45	220 KV	BADOD-KOTA	S/C	117	0	1.2	0.0	1.2
46		BADOD-MORAK	S/C	53	174	0.4	0.2	0.2
47		MEHGAON-AURAIYA	S/C	73	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	34	0	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>25.4</b>	<b>158.9</b>	<b>-133.5</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	400	0	9.5	0.0	9.5
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	1017	498	7.5	0.0	7.5
53		WARDHA-NIZAMABAD	D/C	0	1311	0.0	18.6	-18.6
54	400 KV	KOLHAPUR-KUDGI	D/C	778	0	13.9	0.0	13.9
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	73	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>32.8</b>	<b>18.6</b>	<b>14.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>23.9</b>
59		NEPAL						<b>-4.7</b>
60		BANGLADESH						<b>-14.8</b>